

**AMENDMENT TO THE CLAIMS:****Claims pending**

- At time of the Action: Claims 13, 29, 45 and 49-53.
- After this Response: Claims 13, 29, 45 and 49-53.

**Canceled or Withdrawn claims: None.****Amended claims: Claims 13, 29, 45, 51, and 53.****New claims: None.**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Claims 1-12 (canceled)**

**Claim 13 (currently amended):** A method for encoding a motion video signal, the method comprising:

comparing first and second frames of the motion video signal to one another to determine an absolute pixel difference between the first and second frames;

determining, based at least in part on the absolute pixel difference, whether the second frame represents a scene change in a motion video image represented by the motion video image;

encoding the second frame as an independent frame upon a condition in which the second frame represents the scene change in the motion video image; and

1 encoding the second frame as a motion-compensated frame upon a condition in  
2 which the second frame does not represent the scene change in the motion video image.

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4 Claims 14-28 (canceled)

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6 Claim 29 (currently amended): A computer readable medium useful in association  
7 with a computer which includes a processor and a memory, the computer readable  
8 medium including computer instructions which are configured to cause the computer to  
9 encode a motion video signal by performing the steps of:  
10 comparing first and second frames of the motion video signal to one another to  
11 determine an absolute pixel difference between the first and second frames;

12 determining, based at least in part on the absolute pixel difference, whether the  
13 second frame represents a scene change in a motion video image represented by the  
14 motion video image;

15 encoding the second frame as an independent frame upon a condition in which the  
16 second frame represents the scene change in the motion video image; and

17 encoding the second frame as a motion-compensated frame upon a condition in  
18 which the second frame does not represent the scene change in the motion video image.  
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21 Claims 30-44 (canceled)

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23 Claim 45 (currently amended): A computer system comprising:  
24 a processor;  
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1 a memory operatively coupled to the processor; and

2 a motion video signal encoder which executes in the processor from the memory  
3 and which, when executed by the processor, causes the computer system to encode a  
4 motion video signal by performing the steps of:

5 comparing first and second frames of the motion video signal to one  
6 another to determine an absolute pixel difference between the first and second  
7 frames;

8 determining, based at least in part on the absolute pixel difference,  
9 whether the second frame represents a scene change in a motion video image  
10 represented by the motion video image;

11 encoding the second frame as an independent frame upon a condition in  
12 which the second frame represents the scene change in the motion video image;  
13 and

14 encoding the second frame as a motion-compensated frame upon a  
15 condition in which the second frame does not represent the scene change in the  
16 motion video image.  
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19 Claims 46-48 (canceled)

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21 Claim 49 (previously presented): A computer readable medium comprising  
22 instructions which, when executed by a computer, performs the method of Claim 13.  
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24 Claim 50 (previously presented): The method of claim 13 wherein the determining  
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whether the second frame represents a scene change comprises:

measuring a difference between the first and second frames;

comparing the difference to a predetermined threshold;

determining that the second frame represents the scene change if the difference is greater than the predetermined threshold; and

determining that the second frame does not represent the scene change if the difference is not greater than the predetermined threshold.

Claim 51 (currently amended): The method of Claim 50 wherein ~~the difference is an absolute pixel difference~~ the absolute pixel difference between the first and second frames is an average of an absolute value of a difference of each pair of corresponding pixels between the first and second frames.

Claim 52 (previously presented): The computer readable medium of Claim 29 wherein the determining whether the second frame represents a scene change comprises:

measuring a difference between the first and second frames;

comparing the difference to a predetermined threshold;

determining that the second frame represents the scene change if the difference is greater than the predetermined threshold; and

determining whether the second frame does not represent the scene change if the difference is not greater than the predetermined threshold.

Claim 53 (currently amended): The computer readable medium of Claim 52

1 wherein ~~the difference is an absolute pixel difference~~ the absolute pixel difference  
2 between the first and second frames is an average of an absolute value of a difference of  
3 each pair of corresponding pixels between the first and second frames.  
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